



As scientists, we will begin with our STEM week where science will play a key role in the construction of our royal carriages. As we are immersed in the world of science, we will be exploring how light travels and how shadows are formed through our 'light and dark' theme. Later, we will investigate magnetism as a force and explore rocks by comparing and grouping different types. Put on your scientist lab coats and be ready for a term of investigations.

Year 3 Summer term

We Are Scientists!

During the summer term we will be transforming into scientists, and exploring: rocks, soil and fossils; light and dark; and magnetism. This will give the children the opportunity to immerse themselves in the world of science, and conduct a range of experiments to better understand the world around them.

We begin the term with our STEM week where the children will be using various skills such as measuring, sawing, gluing and cutting to make a carriage fit for a king.

We then finish the year with a walk around the local area to learn about the history of Loughton whilst navigating using maps and compasses.

As geographers we will continue to use our compass skills as we begin our maths topic on turns and angles.

The highlight of this term is our local walk around Loughton where we will use our geographical skills such as map reading and compass use as we explore the history of the local area through a well-navigated walk.



During our STEM week, we will build on previous skills and knowledge by designing, making and evaluating a carriage fit for a king! We plan our carriage's dimensions and use our maths knowledge to ensure we are measuring with accuracy. With support, we use a range of tools and equipment (such as saws and glue guns) safely to make the chassis structure for our carriage. We first create a prototype and then edit our design based on the evaluation of different products and their effectiveness.



As keen athletes, we will learn how to run, jump, throw, hurdle and learn a range of athletic trials. Athletics teaches independence, teamwork, sportsmanship and reactions. We will also make the use of our extensive outdoor space and engage in both tennis, rounders and cricket. These sports will help us with our hand eye co-ordination, timing, control and ball skills.

As digital learners, we will utilise our computing skills through our theme work. This will include demonstrating our understanding of how to use search engines and using reliable sources for research.



As artists, we are learning to blend colouring pencils to make new colours. We will create a miniature fossils and a wax resist fossil painting. We will learn to carefully smudge oil pastels with our fingers as we create a Northern Lights inspired mixed media picture. We will explore adding highlights and tone with paint and pencil.



In Summer 1, we will be learning to play and sing 'Bringing us together'. We will build on our learning of glockenspiel from the autumn term adding more notes and rhythms.

In Summer 2, we will reflect on our learning for the whole year. We will practice some improvisation and composition.

As more confident linguists, we will build on our learning in the previous terms and start to identify and recognise some animal words in French. We will begin to describe how these animals move and enjoy these new words through a French story. We will also be able to recognise and identify some different foods and give our opinions on whether we like or dislike these foods.



As thoughtful citizens, we explore different types of feelings and understand that these are not fixed but change throughout the day. We will be discussing ways to look after our own and others' mental health. Building on this, we then explore mindfulness techniques and ways to keep ourselves calm. We discuss our feelings and look at zones of regulation as a way to manage our emotions. We will be reflecting on our time in year 3 and looking ahead to year 4.



We do not explicitly teach any new knowledge in RE this term but we of course revisit previous learning. Our whole school assemblies, including those from 'Bridge Builders', allow us to continue discussing and reflecting on various religious beliefs so that we can make sense of our own place in a diverse and multi-religious and multi-secular society. We recognise different people's values, feelings, faith and ways of living.

